



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 3

**Complete if Known**

Application Number	10/634,182
Filing Date	08-05-2003
First Named Inventor	Jie Jack Li
Art Unit	1614 1624
Examiner Name	Unknown
Attorney Docket Number	PC25274A

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
WJR		US- 10/071,032	02-08-2002	Dyer, et al	
		US- 2002/0156061 A1	10-24-2002	Barvian, et al	
		US- 2003/0004172 A1	01-02-2003	Harter, et al	
		US- 2003/0078276 A1	04-24-2003	Andrianjara, et al	
		US- 2002/0193377 A1	12-19-2002	Andrianjara, et al	
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		US- 2002/0161000 A1	10-31-2002	Barvian, et al	
		US- 2003/0087924 A1	05-08-2003	Sorenson	
		US- 2003/0144274 A1	07-31-2003	Bunker, et al	
		US- 2002/0151555 A1	10-17-2002	Barvian, et al	
		US- 2003/0130278 A1	07-10-2003	Gaudilliere, et al	
		US- 2003/0216402 A1	11-20-2003	Gaudilliere, et al	
		US- 2003/0220355 A1	11-27-2003	Gaudilliere, et al	
		US- 2004/0006077 A1	01-08-2004	Gaudilliere, et al	
		US- 10/634,531	08-05-2003	Johnson	
		US- 10/634,709	08-05-2003	Bunker, et al	
		US- 10/634,162 6, 949, 651	08-07-2005	Wilson	(9/27/05 Pub Date)

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
WJR		WO 02/064599 A1	08-22-2002	Dyer, et al		
		WO 02/064547 A2, A3	08-22-2002	Barvian, et al		
		WO 02/064598 A1	08-22-2002	Harter, et al		
		WO 02/064080 A2, A3	08-22-2002	Andrianjara, et al		
		WO 02/064572 A1	08-22-2002	Andrianjara, et al		
		WO 02/064595 A1	08-22-2002	Andrianjara, et al		

Examiner  
Signature*Deepak Ray*Date  
Considered

10/25/05

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Sheet	B	of	3
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Application Number	10/634,182
Filing Date	08-05-2003
First Named Inventor	Jie Jack Li
Art Unit	<del>4614</del> 1624
Examiner Name	Unknown
Attorney Docket Number	PC25274A

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Duyek Ray B</i>	Date Considered	<i>10/25/05</i>
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First Named Inventor Jie Jack Li  
Art Unit ~~1614~~ 1624  
Examiner Name Unknown  
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DR		US- 10/634,473	08-05-2003	Bunker, et al	
		US- 10/634,289	08-05-2003	Bunker, et al	
		US- 10/634,180	08-05-2003	Bunker, et al	
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		US- <del>10/634,181</del> 6,869,958	<del>08-05-2003</del>	Li	(3/22/05 Pub Date)
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		US- 10/634,420	08-05-2003	Roark	
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		US- 10/634,713	08-05-2003	Picard	
V		US- <del>10/634,225</del> 6,828,326	<del>08-05-2003</del>	Picard, et al	(12/7/04 Pub Date)
		US- <del>10/634,718</del> 6,908,917	<del>08-05-2003</del>	Ortwine	(6/21/05 Pub Date)
		US- 10/739,261	12-18-2003	Bunker, et al	
		US-			

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DR		WO 02/064578 A1	08-22-2002	Picard, et al		
		WO 02/064571 A1	08-22-2002	Barvian, et al		
		WO 02/064568 A1	08-22-2002	Barvian, et al		
		WO 03/032999 A1	04-23-2003	Bunker, et al		
		WO 03/033478 A1	04-24-2003	Gaudilliere, et al		
		WO 03/076417 A2, A3	09-18-2003	Gaudilliere, et al		

Examiner Signature	Deepak Ray	Date Considered	10/25/05
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**Complete if Known**

Application Number	10/634,182
Filing Date	August 5, 2003
First Named Inventor	Jie Jack Li
Art Unit	1624
Examiner Name	Rao, Deepak R.
Attorney Docket Number	PC 25274A

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
ER		WO 01/63244 A1	8/30/2001	Chen, et al.		
		WO 00/09485 A1	2/24/2000	McClure, et al.		
		WO 01/12611 A1	2/22/2001	Blagg, Julian		
		WO 02/34726 A2	5/2/2002	Noe, et al.		
		WO 02/34753 A2	5/2/2002	Bronk, et al.		
		EP 0935963 A2	8/18/1999	McClure, et al		

Examiner Signature	Deepak Nayak	Date Considered	10/25/05
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Sheet	2	of	4
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## U. S. PATENT DOCUMENTS

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WLR		EP 1138680 A1	10/4/2001	Noe, Mark Carl		
↓		WO 01/70228	9/27/2001	Devita, et al.		
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		EP 0379145	5/7/1997	Poletto, et al.		
		WO 98/16514	4/23/1998	Levin, et al.		
		WO 99/32450	7/1/1999	Tucker, et al.		

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Deepak Raut

**Date Considered**

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DR		CHEN, et al., Structure-Based Design of a Novel, Potent, and Selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design, J. Am. Chem. Soc., 2000, pp. 9648-9654, vol. 122	
		LOVEJOY, et al., Crystal structures of MMP-1 and -13 reveal the structural basis for selectivity of collagenase inhibitors, Nature Structural Biology, 1999, pp. 217-221, vol. 6(3)	
		MOY, et al., High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-13) Complexed with Hydroxamic Acid Inhibitor, J. Mol. Biol., 2000, pp. 671-689, vol. 302	
		MITCHELL, et al., Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic Cartilage, J. Clin. Invest., 1996, pp. 761-768, vol. 97(3)	
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		BILLINGHURST, et al, Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage, J. Clin. Invest., 1997, pp. 1534-1545, vol. 99(7)	
		HIROTA, et al., Novel Synthesis of Pyrido[3,4-d]Pyrimidines, Pyrido[2,3-d]Pyrimidines, and Quinazolines Via Palladium-Catalyzed Oxidative Coupling, Heterocycles, 1994, pp 563-570, vol. 37(1)	
		WERNICKE, et al., Cloning of Collagenase 3 from the Synovial Membrane and Its Expression in Rheumatoid Arthritis and Osteoarthritis, J. Rheum, 1996, pp 590-595, vol. 23(4)	

Examiner Signature	Deepak Rao	Date Considered	10/25/05
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DR		REBOUL, et al, The New Collagenase, Collagenase-3, Is Expressed and Synthesized by Human Chondrocytes but not by Synoviocytes, J. Clin. Invest., 1996, pp. 2011-2019, vol. 97(9)	
		FREEMONT, et al., In situ zymographic localisation of type II collagen degrading activity in osteoarthritic human articular cartilage, Am Rheum Dis, 1999, pp. 357-365, vol. 58	
		<del>Office Action mailed June 16, 2003, in U.S. 10/264,764 (19 pages)</del>	
		<del>Search Report from Corresponding International Application No. PCT/IB03/03482</del>	

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